

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4

In re the Application of

Katsusuke SHIMAZAKE et al.

ATTN: PCT Branch

Application No.: 09/830,928

Docket No.: 109431

Filed: May 24, 2001

For: OPTICAL DISK, DISK SUBSTRATE, AND DRIVING APPARATUS

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C 371 IN THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
DECLARATION ALREADY FILED

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C 371 in the United States Designated/Elected Office (DO/EO/US) (copy attached) mailed on May 22, 2001, the executed Declaration of the inventors was filed on May 24, 2001. A copy of the executed Declaration as filed, a copy of the Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371, and a copy of the stamped postcard receipt are attached hereto. The surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)) was also paid on May 24, 2001 with our Check No. 119302 for \$130.00.

Entry of these documents on May 24, 2001 should have completed all of the filing formalities. Accordingly, prompt issuance of a Notification of Acceptance and Filing Receipt, and prompt examination and allowance of this application are respectfully solicited.

The Director is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Thomas J. Pardini
Registration No. 30,411

JAO:TJP/zmc

Date: June 5, 2001

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

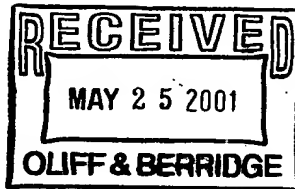
| |
|--|
| <p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p> |
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UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

| | | |
|----------------------|-----------------------|------------------|
| U.S. APPLICATION NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 09/830928 | SHIMAZAKI | K 109431 |

OLIFF & BERRIDGE
P O BOX 19928
ALEXANDRIA, VA 22320

INTERNATIONAL APPLICATION NO.

PCT/JP99/06202

| | |
|------------------|---------------|
| I.A. FILING DATE | PRIORITY DATE |
| 08 NOV 98 | 06 NOV 98 |

DATE MAILED: 22 MAY 2001

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as ☐ a Designated Office (37 CFR 1.494) ☒ an Elected Office (37 CFR 1.495):

- | | |
|--|---|
| <input checked="" type="checkbox"/> U.S. Basic National Fee. | <input type="checkbox"/> Indication of Small Entity Status. |
| <input checked="" type="checkbox"/> Copy of the international application. | <input type="checkbox"/> Translation of the international application into English. |
| <input type="checkbox"/> Oath or Declaration of inventors(s). | <input type="checkbox"/> Translation of Article 19 amendments into English. |
| <input type="checkbox"/> Copy of Article 19 amendments. | <input type="checkbox"/> Other: |
| <input checked="" type="checkbox"/> Priority Document. | |
| <input checked="" type="checkbox"/> The International Preliminary Examination Report in English and its Annexes, if any. | |
| <input type="checkbox"/> Translation of Annexes to the International Preliminary Examination Report into English. | |

2. ☐ Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.

- | | |
|---|---|
| <input type="checkbox"/> U.S. Basic National Fee. | <input type="checkbox"/> Copy of the international application. |
|---|---|

3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- | | |
|--|--|
| <input checked="" type="checkbox"/> a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date. | |
| <input type="checkbox"/> The current translation is defective for the reasons indicated on the attached Notice of Defective Translation. | |
| <input checked="" type="checkbox"/> b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)). | |
| <input checked="" type="checkbox"/> c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date. | |
| <input type="checkbox"/> The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917. | |
| <input checked="" type="checkbox"/> d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)). | |

4. Additional claim fees of \$ _____ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.5. ☐ Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.**ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes **MUST** be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.7. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

A copy of this notice MUST be returned with this response.Enclosed: ☐ PCT/DO/EO/917 ☐ Notice of Defective Translation
☐ PTO-875 ☐ PCT/DO/EO/920

Barbara A. Campbell

FORM PCT/DO/EO/905 (March 2001)

Telephone: 703-305-3631

July 22, 2001
Missing
PartsDOCKETED
By PAK on 7/25/01
and
By hys on 5/29/2001
Olm & Berridge

JPCT PCT/PTO 05 JUN 2001

(1390 REV. 5-93) US DEPT.-OF COMMERCE PATENT & TRADEMARK OFFICE

**TRANSMITTAL LETTER TO THE
UNITED STATES
DESIGNATED/ELECTED OFFICE
(DO/EO/US) CONCERNING A FILING
UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER
109431

U. S. APPLICATION NO.
(if known, sec 37 C.F.R.1.5)
09/830,928

INTERNATIONAL APPLICATION NO.
PCT/JP99/06202

INTERNATIONAL FILING DATE
November 8, 1999

PRIORITY DATE CLAIMED
November 6, 1998

TITLE OF INVENTION
OPTICAL DISK, DISK SUBSTRATE, AND DRIVING APPARATUS

APPLICANTS FOR DO/EO/US
Katsusuke SHIMAZAKI et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
- ☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ Entitlement to small entity status is hereby asserted.
16. ☒ Other items or information: Response to Notification of Missing Requirements Declaration Already Filed

| | | | | | |
|---|--|--|--|---------------------------------|--|
| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 09/830,928 | | INTERNATIONAL APPLICATION NO. PCT/JP99/06202 | | ATTORNEY'S DOCKET NUMBER 109431 | |
|---|--|--|--|---------------------------------|--|

| | | | | | | | |
|--|--------------|--------------|------------|-----------------------|----|---------------------|--|
| 17. <input type="checkbox"/> The following fees are submitted: Basic National fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO \$860.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$710.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,000.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | CALCULATIONS | | PTO USE ONLY | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | | | |
| Claims | Number Filed | Number Extra | Rate | | | | |
| Total Claims | - 20 = | | X \$ 18.00 | | | | |
| Independent Claims | - 3 = | | X \$ 80.00 | | | | |
| Multiple dependent claim(s)(if applicable) | | | + \$270.00 | \$ | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | | | |
| Reduction by 1/2 for filing by small entity, if applicable. | | | | - | | | |
| SUBTOTAL = | | | | \$ | | | |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 month from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ | | | |
| TOTAL NATIONAL FEE = | | | | \$ | | | |
| | | | | Amount to be refunded | \$ | | |
| | | | | Charged | \$ | | |

a. ☐ Check No. in the amount of \$ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.


SEND ALL CORRESPONDENCE TO:
 OLIFF & BERRIDGE, PLC
 P.O. Box 19928
 Alexandria, Virginia 22320

NAME: James A. Oliff
 REGISTRATION NUMBER: 27,075

 NAME: Thomas J. Pardini
 REGISTRATION NUMBER: 30,411

| | | |
|---|--|---------------------------------|
| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 09/830,928 | INTERNATIONAL APPLICATION NO. PCT/JP99/06202 | ATTORNEY'S DOCKET NUMBER 109431 |
|---|--|---------------------------------|

| 17. <input type="checkbox"/> The following fees are submitted: Basic National fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO\$860.00 International preliminary examination fee paid to USPTO (37 CFR1.482)\$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))\$710.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$1,000.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)\$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = | CALCULATIONS | PTO USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|---------------------|--------------|------|--------------|--------|--|------------|--------------------|-------|--|------------|--|--|--|------------|--------------------------------------|--|--|----|---|--|--|---|-------------------|--|--|----|---|--|--|---|-----------------------------|--|--|----|----|--|
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Claims</th> <th style="width: 20%;">Number Filed</th> <th style="width: 10%;">Number Extra</th> <th style="width: 10%;">Rate</th> </tr> <tr> <td>Total Claims</td> <td style="text-align: center;">- 20 =</td> <td></td> <td>X \$ 18.00</td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;">- 3 =</td> <td></td> <td>X \$ 80.00</td> </tr> <tr> <td colspan="3">Multiple dependent claim(s)(if applicable)</td> <td>+ \$270.00</td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$</td> </tr> <tr> <td colspan="3">Reduction by 1/2 for filing by small entity, if applicable.</td> <td style="text-align: center;">-</td> </tr> <tr> <td colspan="3">SUBTOTAL =</td> <td>\$</td> </tr> <tr> <td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 month from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td style="text-align: center;">+</td> </tr> <tr> <td colspan="3">TOTAL NATIONAL FEE =</td> <td>\$</td> </tr> </table> | Claims | Number Filed | Number Extra | Rate | Total Claims | - 20 = | | X \$ 18.00 | Independent Claims | - 3 = | | X \$ 80.00 | Multiple dependent claim(s)(if applicable) | | | + \$270.00 | TOTAL OF ABOVE CALCULATIONS = | | | \$ | Reduction by 1/2 for filing by small entity, if applicable. | | | - | SUBTOTAL = | | | \$ | Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 month from the earliest claimed priority date (37 CFR 1.492(f)). | | | + | TOTAL NATIONAL FEE = | | | \$ | \$ | |
| Claims | Number Filed | Number Extra | Rate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TOTAL OF ABOVE CALCULATIONS = | | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reduction by 1/2 for filing by small entity, if applicable. | | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL = | | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 month from the earliest claimed priority date (37 CFR 1.492(f)). | | | + | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL NATIONAL FEE = | | | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Amount to be refunded | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Charged | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|--|---|
| a. <input type="checkbox"/> Check No. in the amount of \$ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed. |  NAME: James A. Oliff REGISTRATION NUMBER: 27,075 NAME: Thomas J. Pardini REGISTRATION NUMBER: 30,411 |
|--|---|

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
 OLIFF & BERRIDGE, PLC
 P.O. Box 19928
 Alexandria, Virginia 22320

PTO RECEIPT FOR FILING OF PAPERS

The following papers have been filed:

PCT trans ck 149302 \$130 DEC, assg trans ck 119303 \$40 ASSIGN

Name of Applicant: Katsusuke SHIMAZAKI et al.

Serial No.: 09/830,928

Atty. File No.: 109431

Title (New Cases):

Sender's Initials: JAO/zmc

279/44



PATENT OFFICE DATE STAMP

**COPY TO BE STAMPED BY PATENT OFFICE
AND RETURNED BY MESSENGER**

**TRANSMITTAL LETTER TO THE
UNITED STATES
DESIGNATED/ELECTED OFFICE
(DO/EO/US) CONCERNING A FILING
UNDER 35 U.S.C. 371**U.S. APPLICATION NO.
(if known, sec 37 C.F.R.1.5)
09/830,928INTERNATIONAL APPLICATION NO.
PCT/JP99/06202INTERNATIONAL FILING DATE
November 8, 1999PRIORITY DATE CLAIMED
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OPTICAL DISK, DISK SUBSTRATE, AND DRIVING APPARATUSAPPLICANTS FOR DO/EO/US
Katsusuke SHIMAZAKI et al.

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4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
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 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
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Items 11. to 16. below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
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16. ☐ Other items or information:

| | | |
|---|---|------------------------------------|
| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 09/830,928 | INTERNATIONAL APPLICATION NO. PCT/JP99/06202 | ATTORNEY'S DOCKET NUMBER 109431 |
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| 17. <input checked="" type="checkbox"/> The following fees are submitted: Basic National fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO \$860.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$710.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,000.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$ 100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = | CALCULATIONS | PTO USE ONLY | | | | | | | | | | | | | | | | |
|--|-----------------------|---------------------|--------------|------|--------------|--------|--|------------|--------------------|-------|--|------------|--|--|--|------------|--|--|
| ENTER APPROPRIATE BASIC FEE AMOUNT = | \$ | | | | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$130.00 | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">Claims</th> <th style="width: 20%;">Number Filed</th> <th style="width: 10%;">Number Extra</th> <th style="width: 10%;">Rate</th> </tr> <tr> <td>Total Claims</td> <td style="text-align: center;">- 20 =</td> <td></td> <td style="text-align: center;">X \$ 18.00</td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;">- 3 =</td> <td></td> <td style="text-align: center;">X \$ 80.00</td> </tr> <tr> <td colspan="3">Multiple dependent claim(s)(if applicable)</td> <td style="text-align: center;">+ \$270.00</td> </tr> </table> | Claims | Number Filed | Number Extra | Rate | Total Claims | - 20 = | | X \$ 18.00 | Independent Claims | - 3 = | | X \$ 80.00 | Multiple dependent claim(s)(if applicable) | | | + \$270.00 | | |
| Claims | Number Filed | Number Extra | Rate | | | | | | | | | | | | | | | |
| Total Claims | - 20 = | | X \$ 18.00 | | | | | | | | | | | | | | | |
| Independent Claims | - 3 = | | X \$ 80.00 | | | | | | | | | | | | | | | |
| Multiple dependent claim(s)(if applicable) | | | + \$270.00 | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | \$130.00 | | | | | | | | | | | | | | | | | |
| Reduction by 1/2 for filing by small entity, if applicable. | - | \$ | | | | | | | | | | | | | | | | |
| SUBTOTAL = | \$130.00 | | | | | | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 month from the earliest claimed priority date (37 CFR 1.492(f)). | \$ | | | | | | | | | | | | | | | | | |
| TOTAL NATIONAL FEE = | \$130.00 | | | | | | | | | | | | | | | | | |
| | Amount to be refunded | \$ | | | | | | | | | | | | | | | | |
| | Charged | \$ | | | | | | | | | | | | | | | | |

a. ☒ Check No. 119302 in the amount of \$130.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
 OLIFF & BERRIDGE, PLC
 P.O. Box 19928
 Alexandria, Virginia 22320

NAME: James A. Oliff
 REGISTRATION NUMBER: 27,075

NAME: Joel S. Armstrong
 REGISTRATION NUMBER: 36,430

**DECLARATION AND POWER OF ATTORNEY
UNDER 35 USC §371(c)(4) FOR
PCT APPLICATION FOR UNITED STATES PATENT**

As a below named inventor, I hereby declare that:
my residence, post office address and citizenship are as stated below under my name;

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, namely the invention entitled: OPTICAL DISK, DISK SUBSTRATE, AND
DRIVING APPARATUS

described and claimed in international application number PCT/JP99/06202 filed November 8, 1999

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) filed within one year prior to my international application are hereby claimed:

Japanese Patent Application No. 10-315847 filed on November 6, 1998
Japanese Patent Application No. 11-068489 filed on March 15, 1999

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to my international application, or (b) before the filing date of the above-named foreign priority application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;
Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;
Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;
Mario A. Costantino, Reg. No. 33,565; and Caroline D. Dennison, Reg. No. 34,494.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | | | |
|---|--|---|-------------------|--------------|------------------|
| 1 | Typewritten Full Name of Sole or First Inventor | <u>Katsusuke</u> | | | <u>SHIMAZAKI</u> |
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| 2 | Inventor's Signature | <u>Katsusuke</u> | | | <u>Shimazaki</u> |
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| | | Month | Day | Year | |
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Note to Inventor: Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE ☒

(Discard this page in a sole inventor application)

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This form may be executed only when attached to the first page of the Declaration and Power of Attorney of the application to which it pertains.

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1 **Typewritten Full Name of Joint Inventor**
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3 **Date of Signature:**
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Citizenship:
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Note to Inventor: Please sign name on line 2 exactly as it appears in line 1 and insert the actual date of signing on line 3.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney of the application to which it pertains.